



MLL-III-671/1~200mW

**LD PUMPED ALL-SOLID-STATE
LOW NOISE RED LASER**

All solid state 671nm low noise laser is made features of ultra compact, long lifetime, low cost and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, laser printing, chip inspection, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	671±1	
Operating mode	CW	
Output power (mW)	>1, 5, 10, 20, ... , 200	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	TEM ₀₀	
Noise of amplitude (rms, 20Hz~20MHz)	<1%	
M ² factor	<1.2	
Beam diameter at the aperture 1/e ² (mm)	~1.2	
Beam divergence, full angle (mrad)	<1.5	
Polarization ratio	>100:1, Horizontal±5 degree (Vertical Optional)	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	24.8	
Operating temperature (°C)	10~35	
Power supply (90-264VAC or 5VDC)	PSU-III-FDA	PSU-III-OEM-97
Expected lifetime (hours)	10000	
Warranty	1 year	



MxL-III-671	PSU-III-FDA	PSU-III-OEM-97
<p>140.5 (L) × 73 (W) × 46.2 (H) mm³, 0.6kg</p>	<p>133 (L) × 130 (W) × 62.2 (H) mm³, 1.2kg</p>	<p>94(L) × 75(W) × 49(H) mm³, 0.23kg</p>